Creating a comprehensive electronic network and staff development program for science educators

Building a Presence for Science in Missouri
Supported by

The Role of a Missouri Science Network
Key Leader

I) **Serve as a volunteer member of a statewide team of Key Leaders for a minimum of two years** (with opportunity to extend term of service)
   a) Network with Building a Presence (BaP) coordinators, other Key Leaders, state department of education, Science Teachers of Missouri, and partners in science education
   b) Participate in a Building a Presence for Science Key Leader (KL) Training
      ▪ Meet 1 day/year for KL training at a state or regional site (every effort will be made to minimize days out of classroom)
   c) Receive professional development on "Best Practices" in science curriculum, instruction, and assessment
      ▪ Meet 3-5 days/year for KL professional development at a state or regional site (every effort will be made to minimize days out of classroom)

II) **Serve as a leader of a network of 20-30 PoCs within a professional development region of the state**
   a) Phase 1:
      (1) Recruit Points of Contact (PoCs) from your assigned schools
      (2) Communicate to PoCs professional development opportunities and standards-based curriculum, instruction, and assessment resources
      (3) Encourage communication among PoCs via meetings and BaP Online (e-blasts and message board)
      (4) Check with PoCs periodically to keep their BaP Online contact information up-to-date
      (5) Become aware of PoC needs and communicate them to the State Coordinator via BaP Online
      (6) Encourage PoCs to share information on national and state standards and professional opportunities with fellow science educators

(7) Advocate for standards-based science teaching and learning in your community and state
(8) Receive and provide data and feedback regarding Missouri issues and goals and national directions in science education
(9) Encourage participation in professional science education association

b) Phase II:
   All of the above, plus:
   (1) Facilitate professional development in standards-based "Best Practices" in science curriculum, instruction, and assessment for your PoCs
   (2) Network science educators with mathematics, engineering, and technology educators and partners

Criteria for Selection:
   a) Leadership and experience in promoting and implementing standards-based science education
   b) Life-long learner
   c) Willingness to provide professional development to others
   d) Willing to serve a minimum of 2 years as a Key Leader
   e) Ability to use and reliable access to internet/email technology

How to Apply:
Complete and email an online BaP Key Leader application, located on the Science Curriculum page of the DESE website: **http://www.dese.mo.gov/divimprove/curriculum/newwebpages/science.html,** to:

Linda Lacy, Building a Presence for Science in Missouri Co-Coordinator, MO Department of Elementary and Secondary Education, at **linda.lacy@dese.mo.gov**

   or

Dr. Rebecca Litherland, Building a Presence for Science in Missouri Co-Coordinator, NSTA District Director and Science Teachers of Missouri, at **rlith5000@charter.net**

To find out more about the BaP program and how to be involved in Missouri BaP, contact:

Linda Lacy, Mo-BaP Co-Coordinator, MO Department of Elementary and Secondary Education, at linda.lacy@dese.mo.gov

Dr. Rebecca Litherland, Mo-BaP Co-Coordinator, NSTA District Director, at rlith5000@charter.net

Elizabeth Petersen, STOM President-Elect, at epetersen@ladue.k12.mo.us

Missouri Building a Presence for Science, at http://www.dese.mo.gov/divimprove/curriculum/newwebpages/science.html

Building a Presence for Science, at http://www.nsta.org/bap